

**CLAIMS**

1. A crosslinkable pressure-sensitive adhesive for skin, formed by 100 parts by weight of an acrylic copolymer (copolymer A) comprising a (meth)acrylic acid alkyl ester as the main constituent component and 3-45 wt% diacetoneacrylamide as an essential constituent component, and containing no free carboxyl groups, and 0.1-30 parts by weight of an acrylic copolymer (copolymer B) comprising a (meth)acrylic acid alkyl ester as the main constituent component and a primary amino group and/or carboxyhydrazide group on a side chain, and containing no free carboxyl groups.

2. A crosslinkable pressure-sensitive adhesive for skin according to claim 1, characterized in that the copolymer B is an acrylic copolymer obtained by copolymerizing a (meth)acrylic acid alkyl ester as the main constituent component with a (meth)acrylic monomer having a primary amino group on a side chain.

3. A crosslinkable pressure-sensitive adhesive for skin according to claim 1, characterized in that the copolymer B is an acrylic copolymer obtained by copolymerizing a (meth)acrylic acid alkyl ester as the main constituent component with (meth)acrylic acid, and then reacting the free carboxyl groups in the obtained copolymer with an imine, diamine and/or dicarboxylic acid dihydrazide.

4. A crosslinkable pressure-sensitive adhesive for

skin according to claim 1, characterized in that the copolymer B is an acrylic copolymer obtained by copolymerizing a (meth)acrylic acid alkyl ester as the main constituent component with diacetoneacrylamide, and then reacting the carbonyl groups in the obtained copolymer with a diamine and/or dicarboxylic acid dihydrazide.

5 5. A crosslinkable pressure-sensitive adhesive sheet for skin comprising a crosslinkable pressure-sensitive adhesive for skin according to any one of claims 1 to 4 formed on a sheet-like support.

10 6. A crosslinkable pressure-sensitive adhesive sheet for skin according to claim 5 which comprises 25-200 parts by weight of a plasticizer with respect to 100 parts by weight of copolymer A.

15 7. A crosslinkable pressure-sensitive adhesive sheet according to claim 5 or 6 which comprises a medical or cosmetic transdermal component.

20 8. A composition for production of a crosslinkable pressure-sensitive adhesive for skin, obtained by dissolving in a solvent 100 parts by weight of an acrylic copolymer (copolymer A) comprising a (meth)acrylic acid alkyl ester as the main constituent component and 3-45 wt% diacetoneacrylamide as an essential constituent component, and containing no free carboxyl groups, and 0.1-30 parts by weight of an acrylic copolymer (copolymer B) comprising a (meth)acrylic acid alkyl ester as the main constituent component and a primary amino group and/or

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carboxyhydrazide group on a side chain, and containing no free carboxyl groups.

5           9. A composition for production of a crosslinkable pressure-sensitive adhesive for skin according to claim 8, which is prepared by dissolution in a solvent containing at least 5.0 wt% acetone and/or butanone with respect to the total amount of solvent.

10           10. A process for production of a crosslinkable pressure-sensitive adhesive for skin, characterized by evaporating off the solvent by heat from a composition for production of a crosslinkable pressure-sensitive adhesive for skin according to claim 8 or 9.